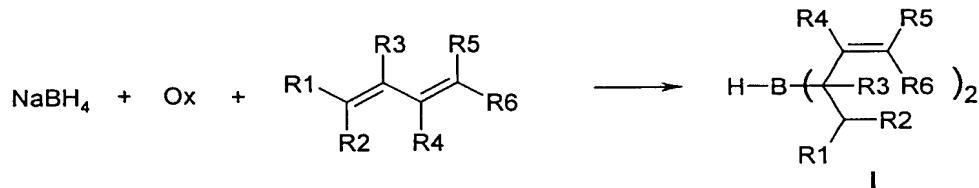


## ABSTRACT OF THE DISCLOSURE

A process for preparing bisallylboranes of the formula (I) by reacting a diene with sodium borohydride in the presence of an oxidant



in an inert solvent, with the borane generated in situ reacting selectively with the diene to form the bis(allyl)borane of the formula (I) and the substituents R<sup>1</sup> to R<sup>6</sup> having the following meanings:

R<sup>1</sup>-R<sup>6</sup> are H, aryl or substituted or unsubstituted C<sub>1</sub>-C<sub>4</sub>-alkyl or two radicals R may be closed to form a cyclic system.

As oxidant, it is possible to use, for example, alkyl halides or dialkyl sulfates. In a particularly preferred embodiment, the diene used is 2,5-dimethylhexa-2,4-diene (R<sup>1</sup>, R<sup>2</sup>, R<sup>5</sup>, R<sup>6</sup> = methyl, R<sup>3</sup>, R<sup>4</sup> = H).